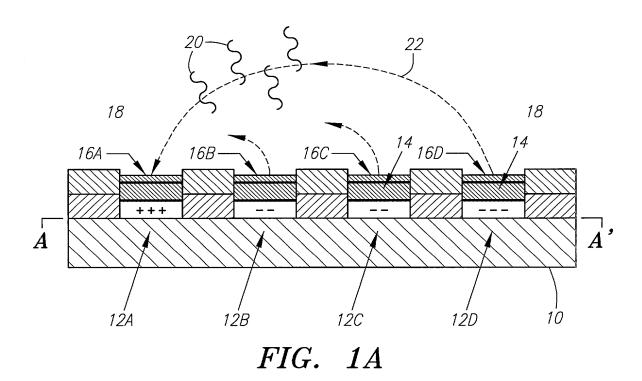
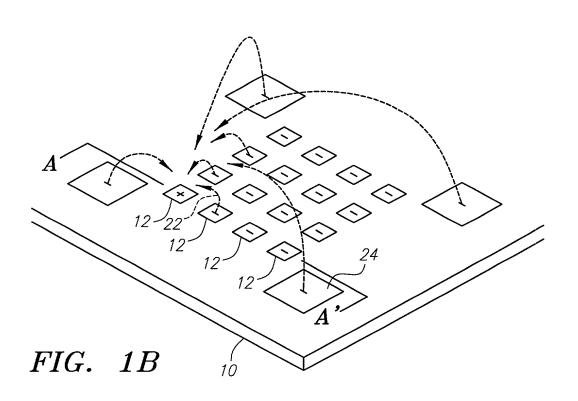
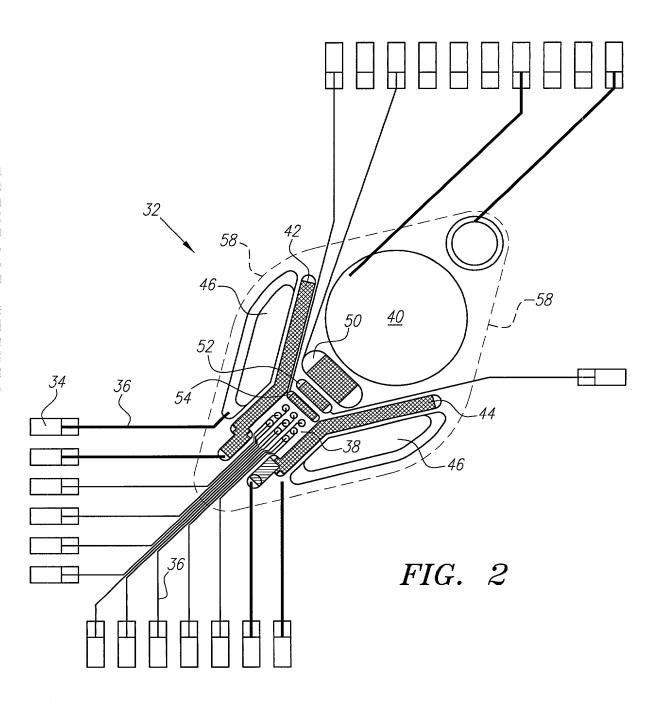
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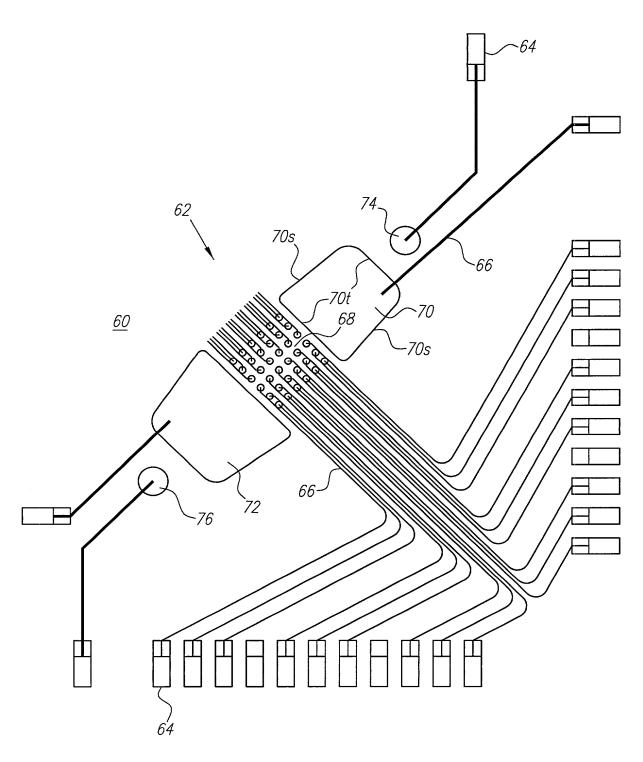


FIG. 3

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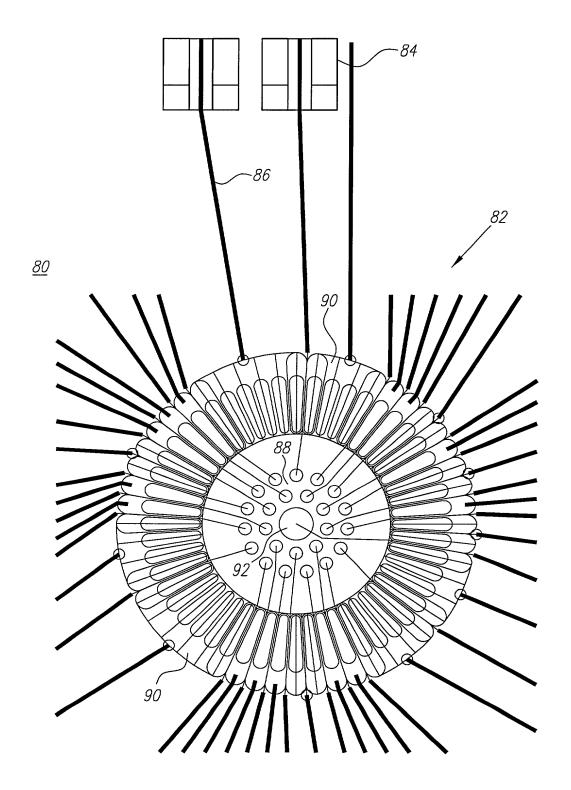
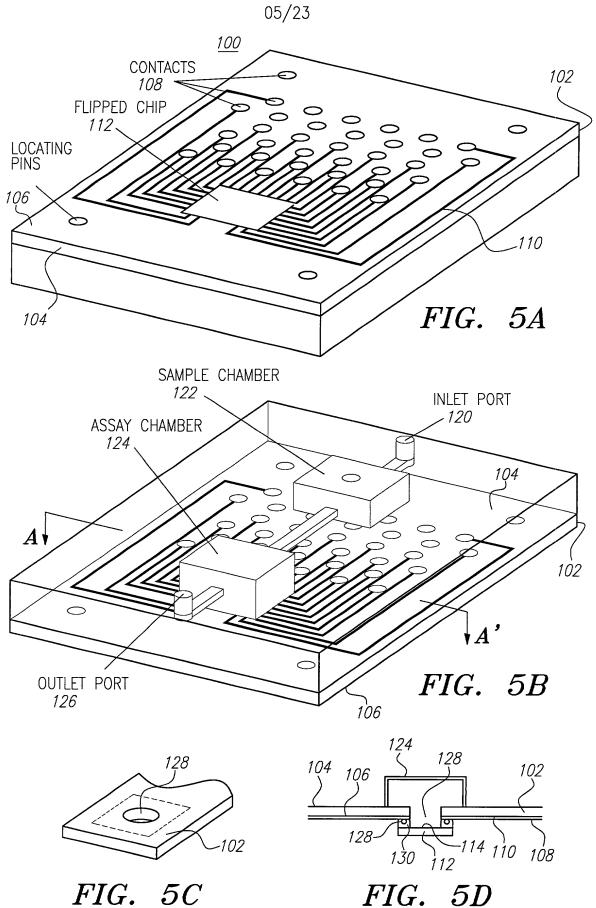


FIG. 4



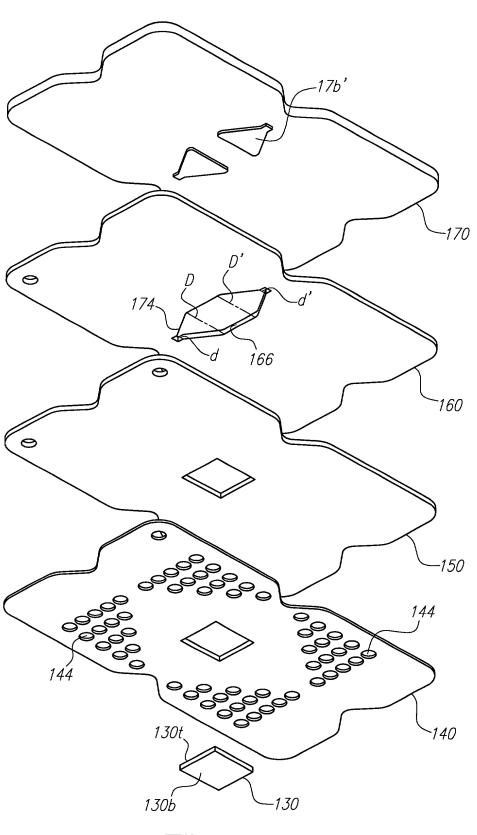
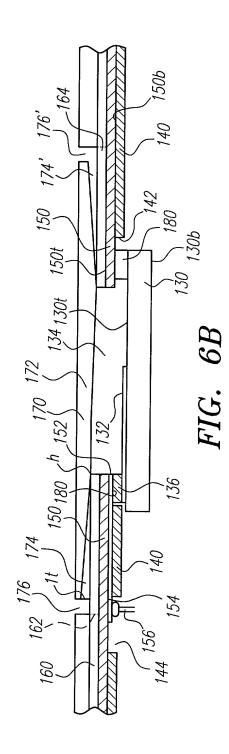


FIG. 6A



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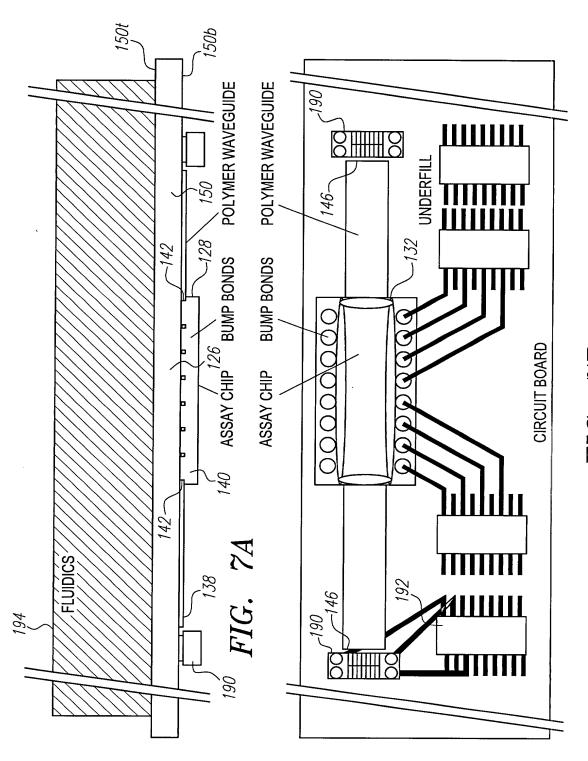


FIG. 7B

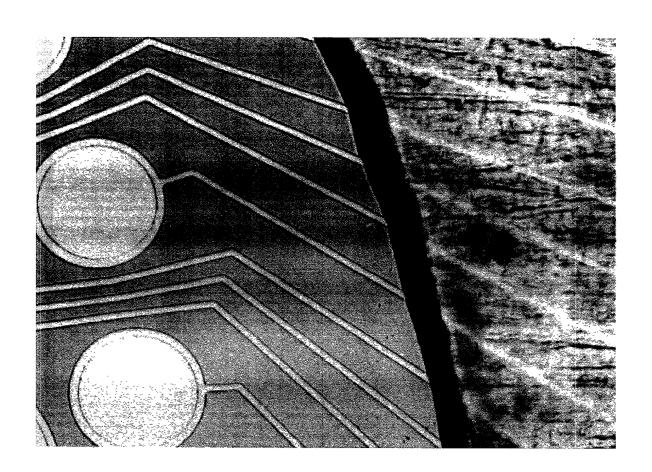
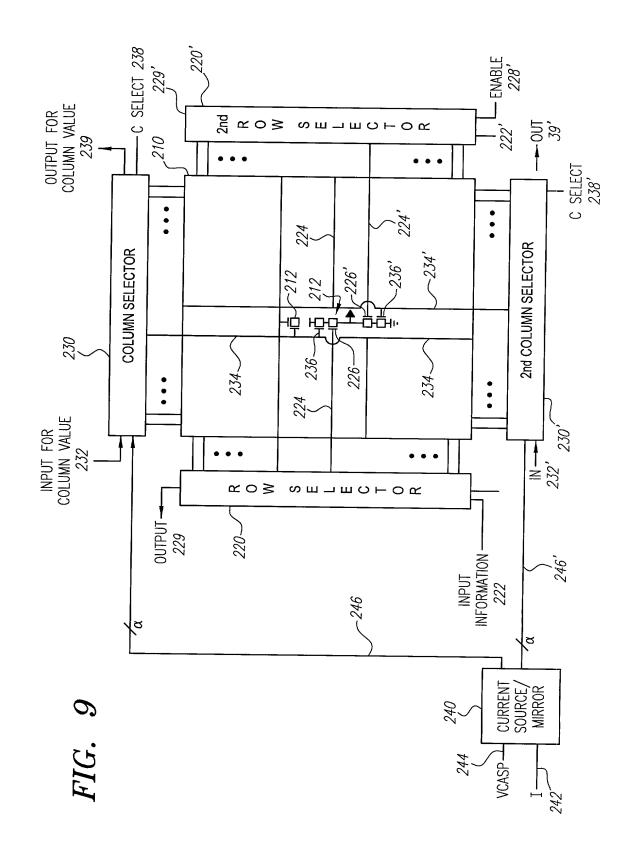


FIG. 8



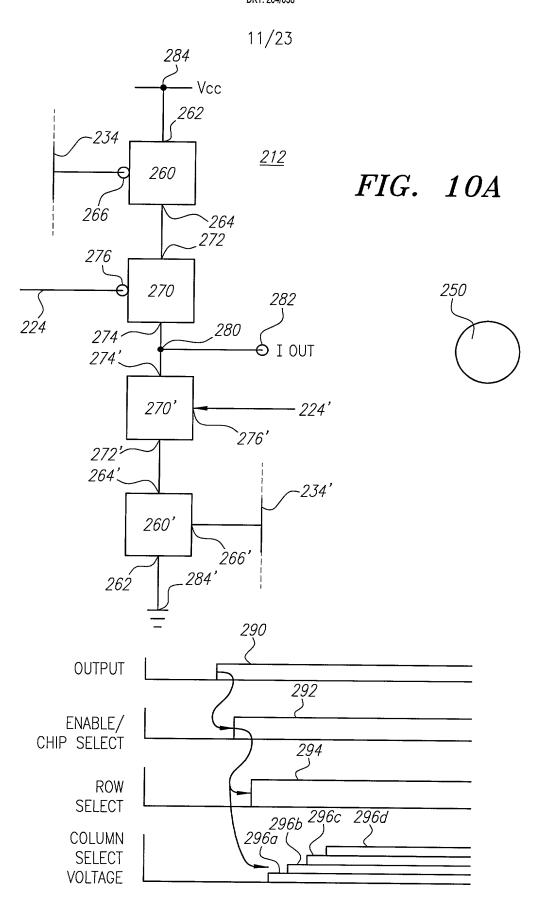


FIG. 10B

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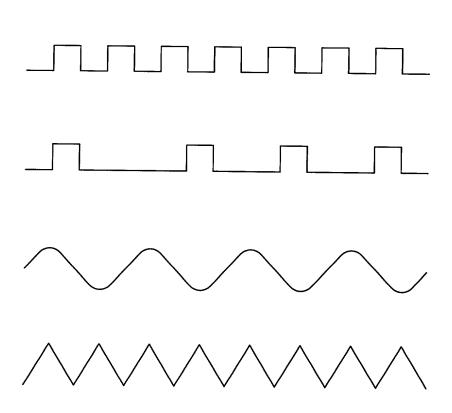
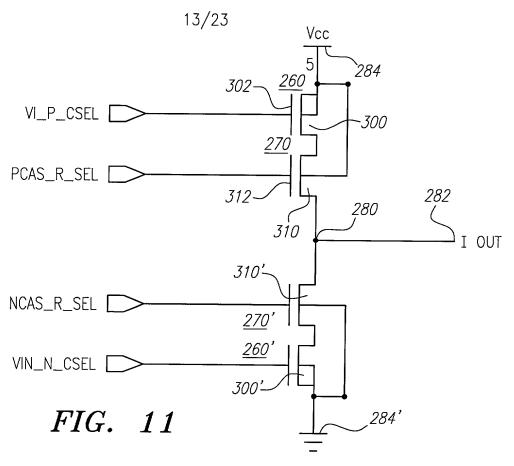
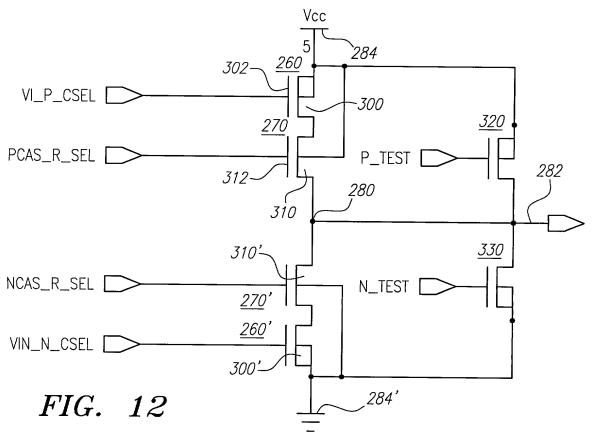
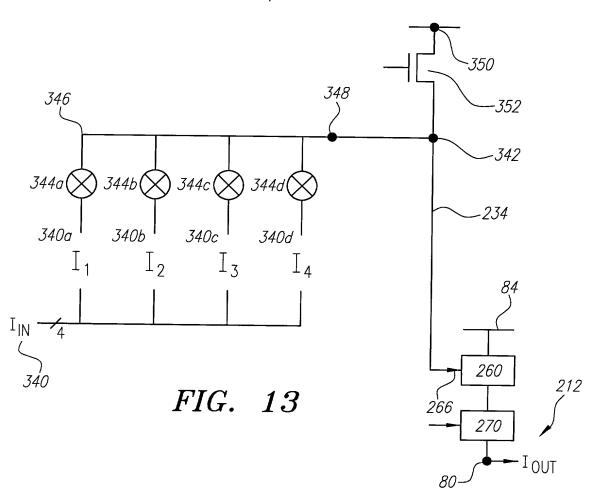


FIG. 10C







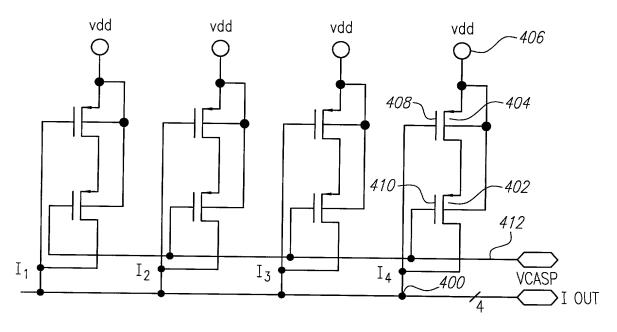
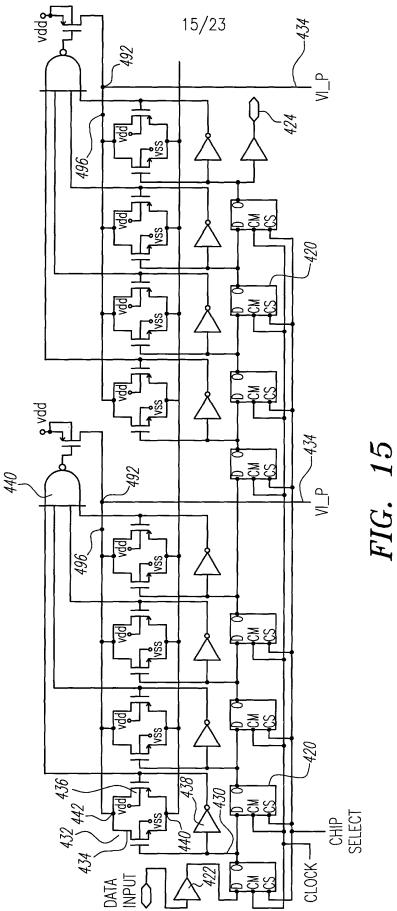


FIG. 14

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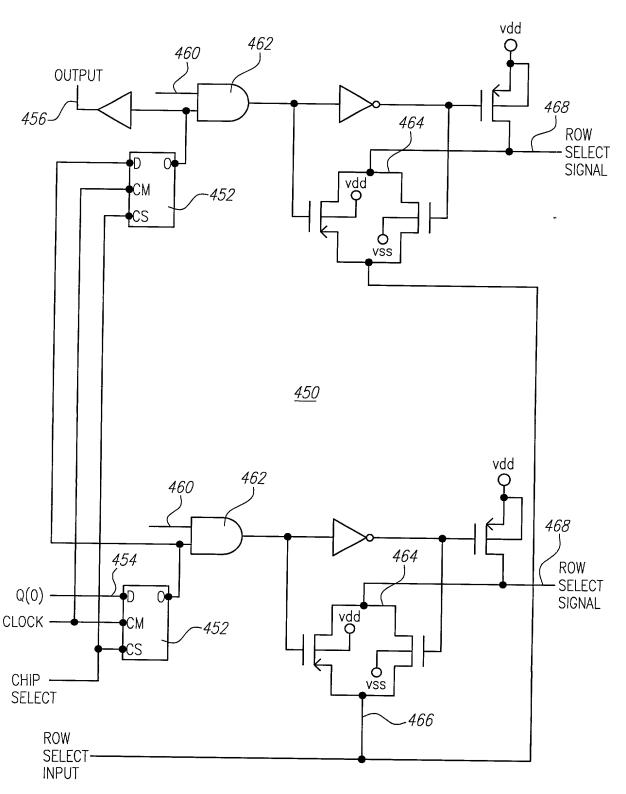


FIG. 16

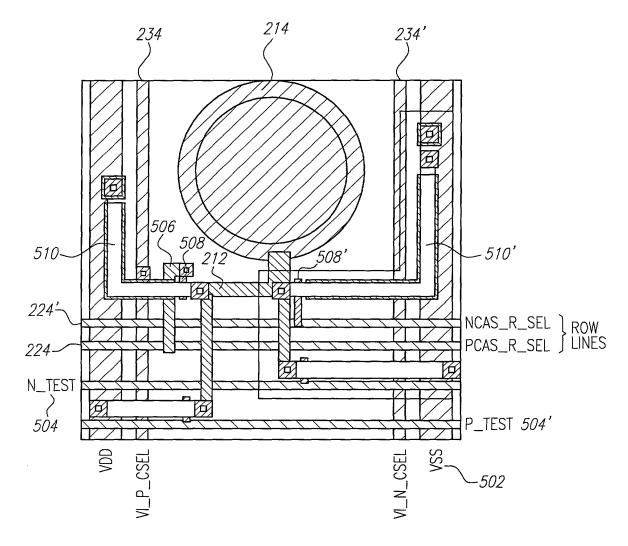


FIG. 17

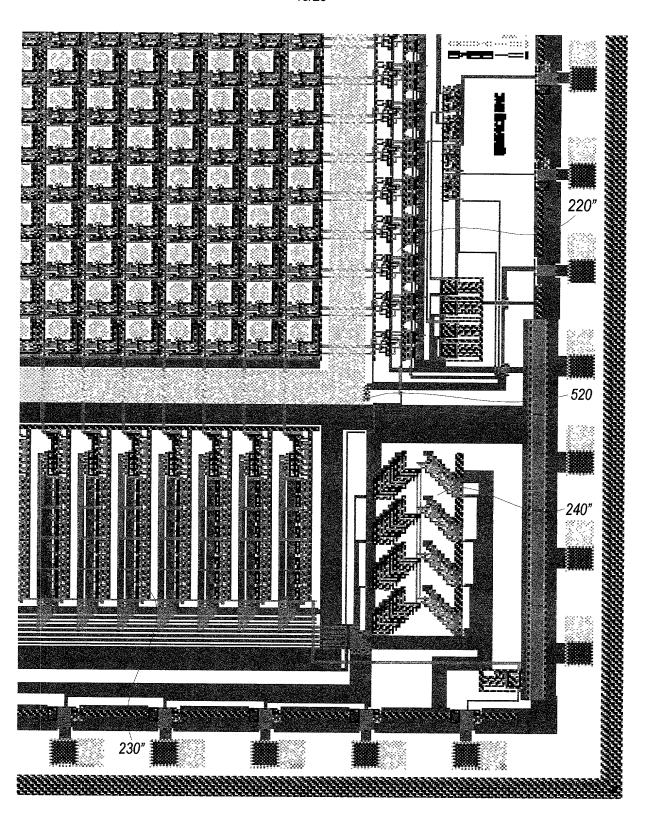
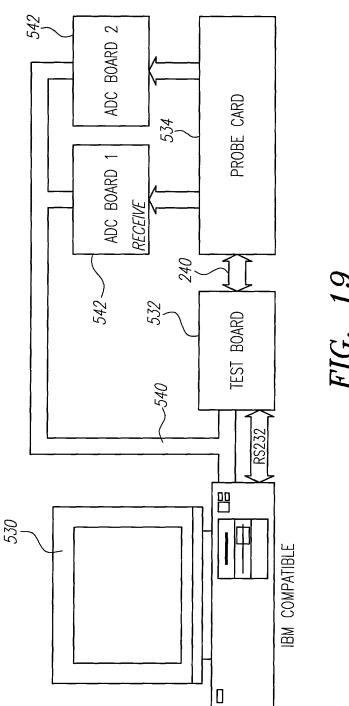
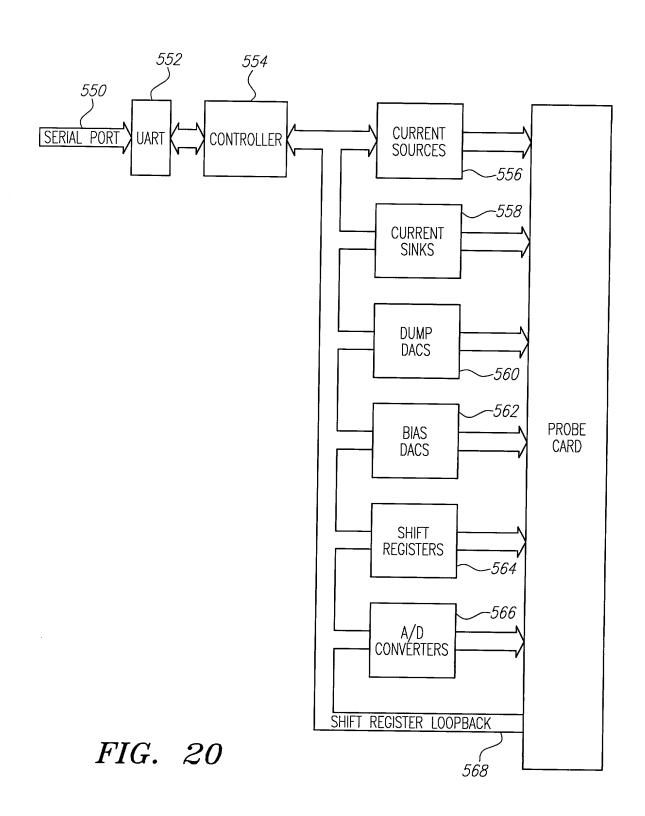


FIG. 18



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ELECTRONIC HYBRIDIZATION: Q CHIP (ATA5/ATA7-BIOTIN, 10pM RCA5-BTR)

CONTROLLER 3, 10s INTEGRATION

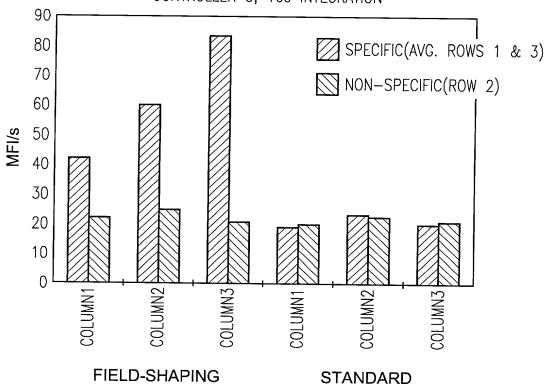
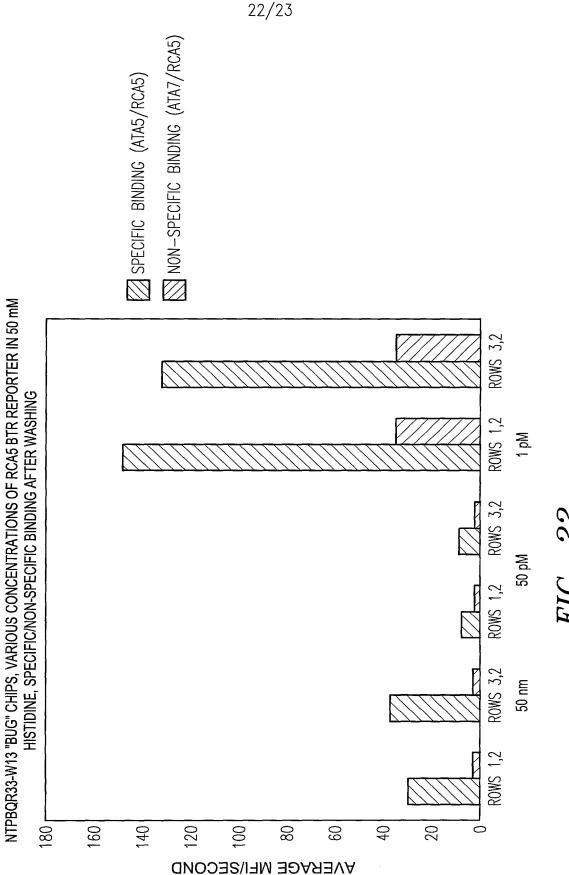


FIG. 21



SYSTEMS AND METHODS FOR THE ACTIVE ELECTRONIC CONTROL OF BIOLOGICAL REACTIONS INV.: D. ACKLEY, ET AL. DKT: 264/036

